



KIBABII UNIVERSITY

UNIVERSITY EXAMINATION

ACADEMIC YEAR 2022/2023

FIRST YEAR FIRST SEMESTER REGULAR EXAMINATION

MASTERS OF EDUCATION IN EDUCATIONAL MANAGEMENT AND POLICY STUDIES

COURSE CODE: EPM 814

COURSE TITLE: PROBLEMS OF EDUCATIONAL PLANNING IN DEVELOPING COUNTRIES

DATE: 22/12/2022 TIME: 2:00PM-5:00PM DURATION: 3HOURS

INSTRUCTIONS TO CANDIDATES

Answer Question One (compulsory) and Any other TWO (2) Questions

KIBU observes ZERO tolerance to examination cheating

This Paper Consists of 3 Printed Pages. Please Turn Over. ➔

QUESTION ONE

- a) A company is deciding whether to develop and launch a new product. Research and development costs are expected to be Shs. 600,000 and there is a 60% chance that the product launch will be successful. It was estimated that in case of successful launch, expected profits and probability of each occurring depending on whether the product's popularity is high, medium or low are as shown below:

Product popularity	Probability	Expected profits
High	0.3	750,000
Medium	0.2	300,000
Low	0.5	200,000

It is anticipated that if it is a failure, there is a 0.4 probability that the research and development work can be sold for Shs. 35,000 and 0.6 probability that it will be worth nothing at all.

Required

Use a decision tree model to advise the management of the company on whether to develop the product or not. (15 marks)

- b) i) Giving examples, distinguish between risks and uncertainties (5marks)
 ii) Discuss the any five strategies of dealing with risks in investment (10marks)

QUESTION TWO

- a) Assume that you are considering to develop a short course in project management. Use the information give below to answer questions that follow.

Activity	Description	Duration (days)	Preceding activity
A	Design course overview	4	-
B	Identify staff to teach the course	2	-
C	Construct detailed course outline	6	-
D	Send out application forms	10	A
E	Confirm availability of staff to teach the course	2	B
F	Select staff to teach the course	1	C,E
G	Acknowledge students applications	3	D
H	Identify course written material	2	F
I	Prepare teaching material	20	G,H
J	Prepare room for course	1	J

Required:

- i) Construct a network diagram to describe your project (4marks)
- ii) Determine the duration and the critical activities of the project (3marks)

- b) Discuss the steps involved in decision making in management science (8 marks)

QUESTION THREE

Write short notes on the following decision making models

- a) Administrative Man Model (5 marks)
- b) Economic Man Model (5marks)
- c) Gamesman Model (5marks)

QUESTION FOUR

- a) Discuss the importance of risk management in project planning and management(10marks)
- Explain Five sources of risks in project management (5marks)